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The University of Dayton

News Release

UD BIOLOGY PROFESSOR
AWARDED NSF GRANT

DAYTON, Ohio, February 4, 1981 -- University of Dayton biology professor Donald Geiger, S.M., has been awarded a National Science Foundation (NSF) grant of \$142,911 for plant physiology research that can be applied to increasing world food production. Geiger's project, entitled "Control of Export and Disposition of Products of Photosynthesis in Response to Source and Sink Status," seeks to determine the role of the potassium ion in channeling the plant's nutrients to the parts of the plant suitable for human consumption. By boosting that process, Geiger says, scientists can increase the productivity of crops.

Geiger, who has been involved with plant physiology research for many years, calls it a "socially important field." He has put his knowledge to work in building crop production in drought stricken areas of the Republic of Niger, Africa.

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